DATE: 07/26/2001

TIME: 15:03:09

OTPE

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             Johnson, Jeffrey C.
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             Retter, Marc W.
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             Marnerakis, Margarita
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             Carter, Darrick
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PATENT APPLICATION: US/09/902,941

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152 153 154 155 157 158 159 160 161 162 163 165 166 167 171 172 173 174 175 176 177	<210> SEQ ID NO: 9 <211> LENGTH: 330 <212> TYPE: DNA <213> ORGANISM: Homo s <400> SEQUENCE: 9 actactacca agagetgeag ggggtttet gggeetetee etetggeett eegagaaggt ataaaaegga ageageetet tgceattee tttetetgee tggtgetggt etgtgttetg <210> SEQ ID NO: 10 <211> LENGTH: 449 <212> TYPE: DNA <213> ORGANISM: Homo s <400> SEQUENCE: 10 etgaeggett tgetgteeea ggggatgtge taaagegtga ggtgteteag ggetgggttg tggagettgg agacattace tgttttqqte ettggaagea	agagacattt aatattaagt accatcaatg cgatataacc cagtctgggg gttgcgctgg  sapiens  gagccgcta aatcagttgt gggtccaaag ccttcatcag gtgagagctg atcttgggat cttatatttt	ctgaaatgtt tcaggccagg tccacgacgt tgacgatctc ctggggtgcc  aacgcaagaa ccttaattt tgtaaggacc aaggaatttt ggaagcttct aaagggtctt	tttgcagatt atctgtggtg ggagacacag agacgtcagc aggctggggc aggctggggc aagtcgatgg tagaaagatt ccctgccctt cggatgtttt tttggctcta ctagggcaca	gtacaattga ttcaatcagt gtgagtgatg atcgcgctgc  gacagttaga ttggtaacta agtggagagc cttgggaagc ggtgagttgt aaactcactc	60 120 240 300 330 60 120 180 240 300 360

Input Set : A:\478c17.app.txt

Output Set: N:\CRF3\07262001\I902941.raw

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180 <210> SEO ID NO: 11
    181 <211> LENGTH: 472
    182 <212> TYPE: DNA
    183 <213> ORGANISM: Homo sapiens
    185 <400> SEQUENCE: 11
    186 cctcgatgca tgctgctcta cctctcatca gcccacagtc tgacacgagg tcatctttgg 60
    187 tetgtggtga ggtatggatg tetgeagtet acacaacage cetgeagaac gggeetggae 120
    188 aaccettqqq qqataaqaca gccacacatq gctcaqqctq ttaqqtqtcc actqtcacag 180
    189 tocaaagaga aaggtacggc ctccaagggg gcagcttaag ccaacatgta agacttgggc 240
    190 acqatqaaaq qacqqqqqtc caqctacqaa tgtttttgtt cttgatgtca agttgccagc 300
    191 tactggaagg caggagcagt ttcttctttt tcccactctg tgctgggtac ttgggagagg 360
    192 cgaaataaat accagactgt ccactcctca gcctaaggtc cttctcaagt cctgcacact 420
    193 cagcacttgc tctttaacgt ggcatatgtt ccccatctt cccctggtaa tg
    195 <210> SEQ ID NO: 12
    196 <211> LENGTH: 371
    197 <212> TYPE: DNA
    198 <213> ORGANISM: Homo sapiens
    200 <400> SEQUENCE: 12
    201 ttttttttt ttttttttt ttttqqarat ttqkcacatt ttattcagwa tttctqctqc 60
    202 actgccagec tagggatgca ettgattece aagaaatgca actgteetat tegearagee 120
    203 gtccacaggt acctacccc tggactgcag caactttatt accttaacta gcacaraaca 180
    204 gaggttgatt taaactcctt acactcactt ctcaratcaa tgaatgggca aaraaacmcc 240
    205 tcatqqctct qqqaaqqcat qctqaraccc qtttttqcaa gtcctqaqqa atggaaraat 300
    206 atagetgeca ggtateceaa gtetagggea gggagggkag tateggeate actiteactg 360
    207 cattctqttq q
    209 <210> SEO ID NO: 13
    210 <211> LENGTH: 493
    211 <212> TYPE: DNA
    212 <213> ORGANISM: Homo sapiens
    214 <220> FEATURE:
    215 <221> NAME/KEY: misc_feature
    216 <222> LOCATION: 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209,
              210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221,
              222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233,
    218
              234, 235, 236, 237, 238, 239
    219
    220 <223> OTHER INFORMATION: n = A, T, C or G
    222 <400> SEQUENCE: 13
    223 ccagtccaac ctgctcctca ttattgtata aatgagcaga atcaatatgg cggaagccag 60
    224 ctycaattgc caatttggtg gcctctaaag ctttactttt aggaacctct gcaggcgcat 120
    225 aggtgccaaa tcccaggaca ggcatgaagt gaccatcatt cagcttcaca cactgatatt 180
227 caacctgctc ctcattattg taaacatgtg cagaatcaat atggcggaac ccagcttcta 300
    228 ttgctaattt tgtgacctcc aaagetttac ttctcggaac cttggttctt ccgagcgctc 360
    229 agcaatcccg ccgagettet ttgagacgte etcaggtgte etttgacgat gegteeteea 420
    230 ctttcacaca ctctagcatt ccttcactgg ggtcttcatt gccccacatt gggcagccag 480
    231 gaatgttggg gtg
    233 <210> SEQ ID NO: 14
    234 <211> LENGTH: 540
    235 <212> TYPE: DNA
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Input Set : A:\478cl7.app.txt

Output Set: N:\CRF3\07262001\1902941.raw

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236 <213> ORGANISM: Homo sapiens
238 <400> SEQUENCE: 14
239 ccagatggtc cataatatgt caccgagcag gtgaatggca tttgtatgtc agccttggtt 60
240 gtcttgtact ccaqqqtqqa aqtcatqqta taqaqctqaq tcactqqqtc catttccttt 120
241 ttaaaattat gaccaccgct ccttcaaggg gatgtagcac ttttccattc ctgtaccatg 180
242 tgatattgcc atctggataa ctgtcttctg aaatgcagtc acccaacttt tttagctgct 240
243 ctgtttcgag aaacagtgct ttgcttacaa tttcaggttt agatggttgc ttgaacacct 300
244 tgactattgt aggtgcctca aacacgttgt cctcagttac tagcatgcac acaaatctct 360
245 tttcatcact gatccttgca ttactgatag acaaagtgta gttttctgag aggttcaatc 420
246 tgtctttgta ttctggtaca tcgtcgtact gcacactttt ctttgtagag gatctgaagg 480
247 caataaatac tggggagcca tcgggctttt catatttcca tttgcccaaa catgagattc 540
250 <210> SEQ ID NO: 15
251 <211> LENGTH: 421
252 <212> TYPE: DNA
253 <213> ORGANISM: Homo sapiens
255 <400> SEOUENCE: 15
256 tacccacctc cagcctccca tgtgagcctg tccttatgta tagtgtccaa cctctgattc 60
257 tagcagtcaa gtgtcttccc caatcctaat gtcccctgat atgtctctag cgacttgacc 120
258 atctcttqtt ccttqqqact qqqqccaqcc tcttqtctqc ccacttccct ctcattaqtc 180
259 agatagecee aaaggeteta tetttagete eeagagaaet tittggteet eagtattiee 240
260 cttccccttt ccttcctatt ccccacaact gggggaggga agggagaaca ggggcacctg 300
261 atcatcaatc teceetgeee etetettgaa geceeetaga titggatgaa gageaggeea 360
262 gtgagcaggg caaagcetge taggageaga atgacettga ggateetttg etcagaactg 420
263 g
265 <210> SEQ ID NO: 16
266 <211> LENGTH: 236
267 <212> TYPE: DNA
268 <213> ORGANISM: Homo sapiens
270 <400> SEQUENCE: 16
271 geogtgtgtg etttteeeag tgeegaggta eetategete aeggeeagga gettgtegtg 60
272 getgaeagea aagagetget etetgtggge etgetteate teateegaga ggeegtaeaa 120
273 gaagtggtcc attcctttgt ctgaaggagc gacaggagca tctacggttg agaagacaga 180
274 aagtttggct tcgtcgatgt cttgctgtgt gaattttcca gacttagccc agtcga
276 <210> SEQ ID NO: 17
277 <211> LENGTH: 424
278 <212> TYPE: DNA
279 <213> ORGANISM: Homo sapiens
281 <400> SEQUENCE: 17
282 ccagaaaggt gacagtggtt ttccagggcc tcctgggcct ccaggtccac ctggtgaagt 60
283 cattcagect ttaccaatet tgteeteeaa aaaaaegaga agacataetg aaggeatgea 120
284 agcaqatgca gatgataata ttcttgatta ctcggatgga atggaagaaa tatttggttc 180
285 cctcaattcc ctqaaacaaq acatcqaqca tatqaaattt ccaatqqqta ctcaqaccaa 240
286 tecaqeeeqa aettqtaaag aeetqeaaet eaqeeateet gaetteeeag atgqtgaata 300
287 ttggattgat cctaaccaaq qttqctcaqq agattccttc aaaqtttact qtaatttcac 360
288 atctggtggt gagacttgca tttatccaga caaaaaatct gagggagtaa gaatttcatc 420
289 atgg
291 <210> SEQ ID NO: 18
292 <211> LENGTH: 154
293 <212> TYPE: DNA
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Use of n and/or Xaa has been detected in the Sequence Listing. Review the Sequence Listing to insure a corresponding explanation is presented in the <220> to <223> fields of each sequence using n or Xaa.

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/902,941

DATE: 07/26/2001 TIME: 15:03:10

Input Set : A:\478cl7.app.txt

Output Set: N:\CRF3\07262001\I902941.raw

```
L:26 M:270 C: Current Application Number differs, Wrong Format
L:226 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:884 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:59
L:970 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:64
L:971 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:64
L:972 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:64
L:991 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:65
L:1256 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:81
L:1257 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:81
L:1258 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:81
L:1440 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:92
L:1442 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:92
L:1480 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:94
L:1770 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:114
L:1898 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:124
L:1899 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:124
L:2002 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:130
L:2003 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:130
L:2017 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:131
L:2052 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:133
L:2053 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:133
L:2071 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:134
L:2093 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:135
L:2131 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:137
L\!:\!2184~M\!:\!341~W\!: (46) "n" or "Xaa" used, for SEQ ID#:140
L:2208 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:142
L:2231 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:143
L:2232 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:143
L:2233 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:143
L:2234 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:143
L:2235 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:143
L:2887 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:184
L:2894 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:184
L:2896 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:184
L:2965 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:188
L:3073 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:194
L:3075 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:194
L:3076 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:194
L:3077 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:194
L:3093 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:195
L:3274 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:206
L:3315 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:208
L:3339 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:209
L:3551 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:220
L:3555 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:220
L:3559 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:220
L:3560 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:220
L:3561 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:220
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VERIFICATION SUMMARY

DATE: 07/26/2001

PATENT APPLICATION: US/09/902,941

TIME: 15:03:10

Input Set : A:\478c17.app.txt

Output Set: N:\CRF3\07262001\1902941.raw

L:3579 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:221 L:3601 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:222 L:3602 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:222